

Michel Volovitch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5979042/publications.pdf>

Version: 2024-02-01

19
papers

1,145
citations

687363

13
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	An early Shh-H ₂ O ₂ reciprocal regulatory interaction controls the regenerative program during zebrafish fin regeneration. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	9
2	Reciprocal Regulation of Shh Trafficking and H ₂ O ₂ Levels via a Noncanonical BOC-Rac1 Pathway. <i>Antioxidants</i> , 2022, 11, 718.	5.1	4
3	Versatile On-Demand Fluorescent Labeling of Fusion Proteins Using Fluorescence-Activating and Absorption-Shifting Tag (FAST). <i>Methods in Molecular Biology</i> , 2021, 2350, 253-265.	0.9	5
4	H ₂ O ₂ and Engrailed 2 paracrine activity synergize to shape the zebrafish optic tectum. <i>Communications Biology</i> , 2020, 3, 536.	4.4	18
5	A Far-Red Emitting Fluorescent Chemogenetic Reporter for In Vivo Molecular Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17917-17923.	13.8	29
6	Control of Protein Activity and Gene Expression by Cyclofenol Uncaging. <i>ChemBioChem</i> , 2018, 19, 1232-1238.	2.6	12
7	Nerves, H ₂ O ₂ and Shh: Three players in the game of regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2018, 80, 65-73.	5.0	19
8	Hydrogen Peroxide and Redox Regulation of Developments. <i>Antioxidants</i> , 2018, 7, 159.	5.1	59
9	Fluorogenic Probing of Membrane Protein Trafficking. <i>Bioconjugate Chemistry</i> , 2018, 29, 1823-1828.	3.6	24
10	Heritable expansion of the genetic code in mouse and zebrafish. <i>Cell Research</i> , 2017, 27, 294-297.	12.0	57
11	Resonant out-of-phase fluorescence microscopy and remote imaging overcome spectral limitations. <i>Nature Communications</i> , 2017, 8, 969.	12.8	41
12	Optical Control of Tumor Induction in the Zebrafish. <i>Scientific Reports</i> , 2017, 7, 9195.	3.3	22
13	A Mouse Model for Conditional Secretion of Specific Single-Chain Antibodies Provides Genetic Evidence for Regulation of Cortical Plasticity by a Non-cell Autonomous Homeoprotein Transcription Factor. <i>PLoS Genetics</i> , 2016, 12, e1006035.	3.5	38
14	Hydrogen peroxide (H ₂ O ₂) controls axon pathfinding during zebrafish development. <i>Developmental Biology</i> , 2016, 414, 133-141.	2.0	77
15	Small fluorescence-activating and absorption-shifting tag for tunable protein imaging in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 497-502.	7.1	186
16	Nerves Control Redox Levels in Mature Tissues Through Schwann Cells and Hedgehog Signaling. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 299-311.	5.4	48
17	Control of brain patterning by Engrailed paracrine transfer: a new function of the Pbx interaction domain. <i>Development (Cambridge)</i> , 2015, 142, 1840-1849.	2.5	15
18	How to control proteins with light in living systems. <i>Nature Chemical Biology</i> , 2014, 10, 533-541.	8.0	216

#	ARTICLE	IF	CITATIONS
19	Sustained production of ROS triggers compensatory proliferation and is required for regeneration to proceed. Scientific Reports, 2013, 3, 2084.	3.3	256